

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-14 (canceled).

Claim 15 (currently amended): A mobile-type display apparatus serving as a client device of an external host apparatus, the mobile display apparatus comprising:

a display section;

a voice output section;

a text code input section ~~for receiving~~ arranged to receive an input text code from the external host apparatus;

a display control section ~~for displaying~~ arranged to display in the display section text corresponding to the input text code ~~in the display section~~; and

a voice output control section ~~for outputting~~ arranged to output voice sounds corresponding to the input text code through the voice output section; wherein

~~the voice input text code input~~ section outputs the input text code to the display control section and the voice output control section ~~so as to display in the display section~~ the text corresponding to the input text code ~~in the display section~~, and to output the voice sounds corresponding to the input text code through the voice output section.

Claim 16 (currently amended): The mobile display apparatus as set forth in claim 15, further comprising:

a video signal input section ~~for receiving~~ arranged to receive an input video signal from the external host apparatus; wherein

the display control section displays in the display section both an image based on the

input video signal supplied to the video signal input section, and displays the text corresponding to the input text code so that the text is superimposed on the image.

Claim 17 (currently amended): The mobile display apparatus as set forth in claim 16, wherein:

the display section has a plurality of scanning lines arranged in line a row and a plurality of signal lines arranged in line a column and respectively intersecting with the scanning lines;
and

the display control section includes;

a (i) scanning line drive circuit which serves as a display section drive circuit ~~for driving that is arranged to drive~~ the display section by sequentially supplying scanning signals to the scanning lines;
and

a (ii) signal line drive circuit ~~for supplying~~ arranged to supply video signals to the signal lines, the scanning signal line drive circuit ~~including being constituted of~~ a first signal line drive circuit ~~for receiving that is arranged to receive~~ the video signal from the video signal input section and a second signal line drive circuit ~~for receiving that is arranged to receive~~ a video signal ~~for displaying corresponding to~~ the text corresponding to the input text code;
and

the first signal line drive circuit and the second signal line drive circuit ~~sharing share~~ the signal lines.

Claim 18 (currently amended): The mobile display apparatus as set forth in claim 15, wherein:

the display section ~~is constituted of~~ includes a display element ~~drivable driven~~ by a thin film element;
and

the ~~input~~ text code input section, the display control section, and the voice output control section are either directly ~~formed provided~~ on a thin film substrate on which a pixel driving circuit element of the display element is ~~formed provided~~, or ~~are constituted of include~~

active elements ~~formed~~ provided on another substrate which is ~~to be~~ bonded to the thin film substrate.

Claim 19 (currently amended): The mobile display apparatus as set forth in claim 16, wherein:

the display section ~~includes~~ is constituted of a display element ~~drivable~~ driven by a thin film element;₂ and

~~the input~~ text code input section, the video signal input section, the display control section, and the voice output control section are either directly ~~formed~~ provided on a thin film substrate on which a pixel driving circuit element of the display element is ~~formed~~ provided, or ~~are constituted of~~ include active elements ~~formed~~ provided on another substrate which is ~~to be~~ bonded to the thin film substrate.

Claim 20 (currently amended): A mobile display apparatus serving as a client device of an external host apparatus, the mobile display apparatus comprising:

a display section;

a voice output section;

a video signal input section ~~for receiving~~ arranged to receive an input video signal from the external host apparatus;

a display control section ~~for displaying~~ arranged to display in the display section an image based on the input video signal ~~in the display section~~;

a text recognizing section ~~for extracting~~ arranged to extract a text portion from the input video signal and ~~converting~~ convert the text portion into a text code; and

a voice output control section ~~for outputting~~ arranged to output voice sounds corresponding to the text code through the voice output section;₂ wherein

the video signal input section outputs the input video signal supplied from the external host apparatus to the display control section and the text recognizing section;₂ and

the text recognizing section converts a text portion of the input video signal supplied from the video signal input section into a text code and outputs the text code to the voice output control section; so that an image corresponding to the input video signal is displayed in the display section, and the voice sounds corresponding to the text code, ~~which is included in the input video signal and is recognized by the text recognizing section, is~~ are outputted from the voice output section.

Claim 21 (currently amended): The mobile display apparatus as set forth in claim 20, wherein:

the display section ~~includes~~ is constituted of a display element ~~drivable~~ driven by a thin film element; ~~and~~

the video signal input section, the display control section, the text recognizing section, and the voice output control section are either directly ~~formed~~ provided on a thin film substrate on which a pixel driving circuit element of the display element is ~~formed~~ provided, or ~~include~~ are constituted of active elements ~~formed~~ provided on another substrate which is ~~to be~~ bonded to the thin film substrate.

Claim 22 (currently amended): The mobile display apparatus as set forth in claim 18, wherein:

the voice output section ~~includes~~ is constituted of a sound source element which is layered on the display element ~~constituting~~ of the display section within a flat region of the display element; ~~and~~

a sound source element ~~generating~~ generates voice sounds by vibrating the display element.

Claim 23 (currently amended): The mobile display apparatus as set forth in claim 22, wherein:

the sound source element is driven by a sound source element drive section which is either directly ~~formed~~ provided on the thin film substrate, or ~~includes~~ is constituted of active elements ~~formed~~ provided on another substrate which is ~~to be~~ bonded to the thin film substrate.

Claim 24 (previously presented): The mobile display apparatus as set forth in claim 18, wherein:

the thin film substrate includes a thin film layer including a polycrystal silicon thin film.

Claim 25 (previously presented): The mobile display apparatus as set forth in claim 18, wherein:

the thin film substrate includes a thin film layer including a continuous grain boundary crystal silicon thin film.

Claim 26 (currently amended): The mobile display apparatus as set forth in claim 18, wherein:

the another substrate ~~having~~ including the active elements has a hydrogen ion injection section; and

the hydrogen ion injection section ~~being~~ is adhered to the thin film substrate ~~and heated to be cured so as to combine said another substrate with the thin film substrate.~~

Claim 27 (currently amended): The mobile display apparatus as set forth in claim 15, wherein:

the display section ~~performs display by~~ is a liquid crystal display.

Claim 28 (previously presented): The mobile display apparatus as set forth in claim 15, wherein:

the display section ~~performs display by~~ includes an EL layer.

Claim 29 (currently amended): The mobile display apparatus as set forth in claim 21, wherein:

the voice output section includes ~~is constituted of~~ a sound source element which is layered on the display element ~~constituting~~ of the display section within a flat region of the display element; and

a sound source element ~~generating~~ generates voice sounds by vibrating the display element.

Claim 30 (currently amended): The mobile display apparatus as set forth in claim 29, wherein:

the sound source element is driven by a sound source element drive section which is either directly ~~formed~~ provided on the thin film substrate, or ~~includes is constituted of~~ active elements ~~formed~~ provided on another substrate which is ~~to be~~ bonded to the thin film substrate.

Claim 31 (previously presented): The mobile display apparatus as set forth in claim 21, wherein:

the thin film substrate includes a thin film layer including a polycrystal silicon thin film.

Claim 32 (previously presented): The mobile display apparatus as set forth in claim 21, wherein:

the thin film substrate includes a thin film layer including a continuous grain boundary crystal silicon thin film.

Claim 33 (currently amended): The mobile display apparatus as set forth in claim 21,

wherein:

the another substrate ~~having including the~~ active elements has a hydrogen ion injection section; and

the hydrogen ion injection section ~~being is~~ adhered to the thin film substrate ~~and heated to be cured so as to combine said another substrate with the thin film substrate.~~

Claim 34 (currently amended): The mobile display apparatus as set forth in claim 20, wherein:

the display section ~~performs display by~~ is a liquid crystal display.

Claim 35 (currently amended): The mobile display apparatus as set forth in claim 20, wherein:

the display section ~~performs display by~~ includes an EL layer.